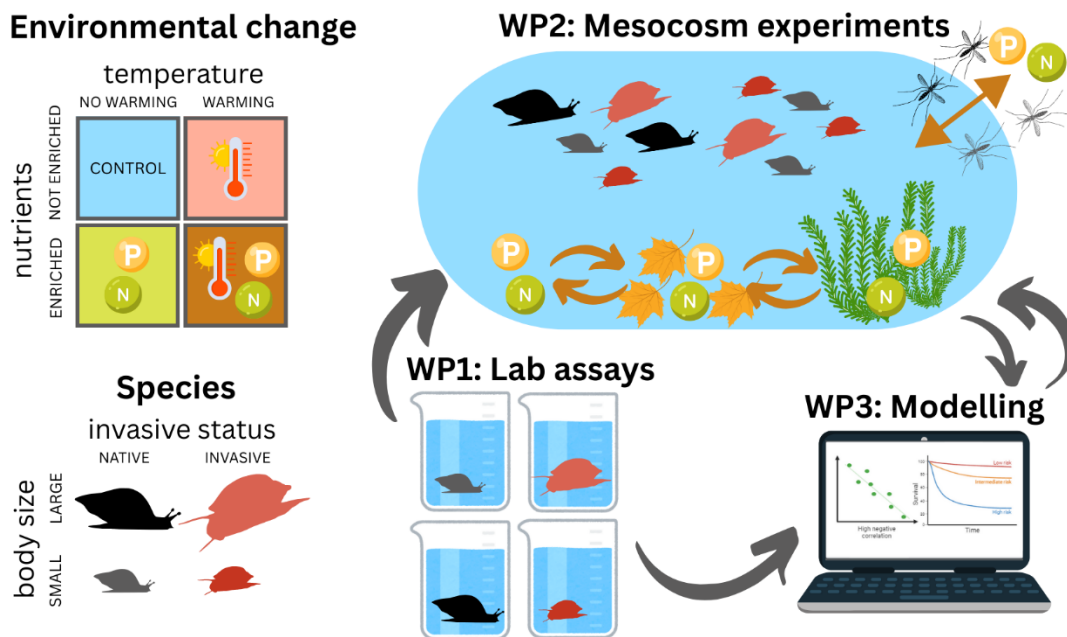




Postdoc position to study species invasions in a changing world

We are seeking a **postdoctoral researcher** to join our newly funded three-year interdisciplinary project "**Global change, freshwater snails and ecosystem effects: Will smaller invasive species dominate?**" The project will investigate the mechanisms and effects of species invasions along environmental gradients and their consequences for community- and ecosystem-level responses, using native and invasive freshwater snails as a model system. The project builds on our previous modelling and experimental studies. International collaborators include Assoc. Prof. Pavel Kratina (QMUL, London, UK), Dr. Arnaud Sentis (INRAE, Aix-en-Provence, France) and Prof. Otto Seppälä (University of Innsbruck, Austria).



Postdoctoral Position Details

You will be involved in the modelling component of the project. Responsibilities include:

- Modelling the ecosystem-level effects of warming, nutrient enrichment and species invasions using size- or stage-structured population models (e.g., in R, Matlab, or Python).
- Writing scientific manuscripts and presenting findings at conferences.

This position is ideal for a postdoctoral researcher interested in interdisciplinary ecological research combining organismal biology, community ecology, and modern simulation methods.

This is a full-time position starting from May 2026, initially for one year, with possible extension until the end of 2028 based on performance. The starting date can be adjusted if needed. The monthly salary



Přírodovědecká
fakulta
Faculty
of Science

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice

(~54,000 CZK = ~2,200 EUR in the first year, plus health insurance and pension contributions) is sufficient for comfortable living in the Ceske Budejovice region.

Required Qualifications

- PhD in ecology, applied mathematics, or a related field.
- Experience in modelling community dynamics; prior work with size- or stage-structured models is preferred.
- Publication record commensurate with career stage.
- The working environment is international; excellent communication skills in English are essential.

How to Apply

Please send an email with the subject **“Postdoc Application – Snails Project”** to Prof. David Boukal (dboukal@prf.jcu.cz) and attach a **single PDF** containing your CV, cover letter describing your motivation and relevant experience, and contact details for 2–3 referees.

Application deadline: 31 January 2026. Shortlisted candidates will be interviewed shortly after.

Host institution: University of South Bohemia in České Budějovice, Faculty of Science, Department of Ecosystem Biology. České Budějovice is a relaxed city of ~100,000 inhabitants and is within easy reach of Prague and Vienna. The campus offers access to a vibrant research community and numerous modern facilities.

See <https://davidboukal.com/index.php/en/opportunities/68-new-postdoc-to-study-species-invasions> for further details.

For questions or informal inquiries, please contact David Boukal (dboukal@prf.jcu.cz).